

MOD.1 (PH1)				MOD.2 (PH.2)				MOD.3 (ORVR)				MOD.4 (LIQ.RET)				MOD.5 (SPILLAGE)				MOD.6 (ISD)			
EQ+INST				EQUIP		INST		EQUIP		INST		EQUIP		EQUIP		EQUIP		EQUIP					
	\$65	NOZZLES		\$200	\$86		NOZZLE-BASED	\$54	\$160	\$214		SUM	\$54		SUM	\$54		P-SENSRS	\$192				
	\$351			\$231	\$108													A/L SENSRS	\$245				
	\$178			\$209	\$48		DISPNSR-BASED	\$200	\$160	\$360								DATALOGGER	\$1,197				
	\$55			\$225	\$54													INSTALLATION	\$1,280				
	\$80																						
	\$160	AVG1		\$216.25	\$74.00	\$290.25																	
	\$160																						
	\$80	HANGERS		\$382	\$172																		
				\$468	\$215																		
SUM	\$1,129			\$400	\$97																		
				\$220	\$108																		
		AVG2		\$368	\$148	\$515.50																	
		PROCESSR		\$7,500	\$1,506																		
				\$9,000	\$1,291																		
				\$7,500	\$1,506																		
		AVG3		\$8,000	\$1,434	\$9,434.33																	

GD Facilities with:

3 Drop tubes

0 Datalogger (if modification needed)

0 Vapor Processor

Total Estimated One-Time Cost per GDF (Equipment Purchase + Installation for Modules 1-6)

#Nozzles	# Dispensers	1	2	3	4	5	6	7	8	9	10	11	12
1		\$5,877											
2		\$6,859	\$7,791										
3		\$7,987	\$8,705	\$9,864									
4		\$9,115	\$9,755	\$10,778	\$12,023								
5		\$10,243	\$10,883	\$11,691	\$12,936	\$14,181							
6		\$11,371	\$12,011	\$12,810	\$13,850	\$15,095	\$16,340						
7			\$13,139	\$13,938	\$14,823	\$16,009	\$17,254	\$18,499					
8			\$14,267	\$15,066	\$15,951	\$16,923	\$18,168	\$19,413	\$20,658				
9			\$15,394	\$16,193	\$17,078	\$17,963	\$19,082	\$20,327	\$21,572	\$22,817			
10			\$16,522	\$17,321	\$18,206	\$19,091	\$19,996	\$21,241	\$22,486	\$23,731	\$24,976		
11			\$17,650	\$18,449	\$19,334	\$20,219	\$21,104	\$22,155	\$23,400	\$24,645	\$25,890	\$27,135	
12			\$18,778	\$19,577	\$20,462	\$21,347	\$22,232	\$23,117	\$24,314	\$25,559	\$26,804	\$28,049	\$29,294
13				\$20,705	\$21,590	\$22,475	\$23,360	\$24,245	\$25,227	\$26,472	\$27,717	\$28,962	\$30,207
14				\$21,833	\$22,718	\$23,603	\$24,488	\$25,373	\$26,258	\$27,386	\$28,631	\$29,876	\$31,121
15				\$22,961	\$23,846	\$24,731	\$25,616	\$26,501	\$27,386	\$28,300	\$29,545	\$30,790	\$32,035
16				\$24,089	\$24,974	\$25,859	\$26,744	\$27,629	\$28,514	\$29,399	\$30,459	\$31,704	\$32,949
17				\$25,217	\$26,102	\$26,987	\$27,872	\$28,757	\$29,642	\$30,527	\$31,412	\$32,618	\$33,863
18				\$26,345	\$27,230	\$28,115	\$29,000	\$29,885	\$30,770	\$31,655	\$32,540	\$33,532	\$34,777

EVR Cost Estimator per GDF (Y2000 Dollars)

Total Est. One-Time Costs = Costs for Module 1 + Module 2 + Module 3 + Module 4 + Module 5 + Module 6

Module 1 = \$1129 * X1

Module 2 = \$290 * X2 + \$516 * X2 + \$9,434 * X3

Module 3 = Greater of (\$214 * X2) and (\$360 * X4)

Module 4 = \$54 * X2

Module 5 = \$54 * X2

Module 6 = \$1,197 * X5 + \$1,280 * X6 + [Greater of (\$192 * X1) and (\$245 * X4)]

where,

X1 = Number of Drop Tubes (2 or 3)

X2 = Number of Nozzles

X3 = Number of Vapor Processors to be Modified or Installed (0 or 1)

X4 = Number of Dispensers

X5 = Number of Dataloggers to be Modified or Installed for ISD (0 or 1)

X6 = 1/2 of Number of Dispensers (1/2 * X4) [for calculating ISD installation cost]

Simplified:

Total Est. One-Time Costs = \$1,129(X1) + \$914(X2) + \$9,434(X3) + \$640(X4) + \$1,197(X5) + Greater of [(\$214(X2) and \$360(X4))] + Greater of [(\$192(X1) and \$245(X4))]
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Illustration:

For a GDF with 2 drop tubes, 16 nozzles, 1 vapor processor, 8 dispensers, and 1 datalogger, the est. one-time costs would be --

Total Est. One-Time Costs = 1129(2) + 914(16) + 9434(1) + 640(8) + 1197(1) + MAX[214(16), 360(8)] + MAX[192(2), 245(8)] = \$38,016 (see next page)